

## **ABSTRACT**

### **Oxidizing compositions containing a mixture of polymers including at least one copolymer based on acrylamide and 2-acrylamido- 2-methylpropanesulphonic acid**

The invention relates to an oxidizing composition for keratin fibres, in particular for human keratin fibres and more particularly the hair, comprising, in a cosmetically acceptable medium:

- at least one oxidizing agent chosen from the group formed by hydrogen peroxide and compounds capable of producing hydrogen peroxide by hydrolysis, or mixtures thereof,

- at least one copolymer (b) based on 2-acrylamido-2-methylpropanesulphonic acid and acrylamide, and

- at least one polymer (c) chosen from crosslinked 2-acrylamido-2-methylpropanesulphonic acid homopolymers or amphiphilic copolymers consisting of at least one sequence of 2-acrylamido-2-methylpropanesulphonic acid units and at least one unit comprising a hydrophobic portion.

The invention also relates to the dyeing, permanent-waving, bleaching and stripping processes and devices using the said composition.